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Patents

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Fisk et al.)
Serial No. 09/602,305)
Filed : June 23, 2000)
For: Method and System for Creating An)
Embedded Search Link Document)
Art Unit: 2755

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SUPPLEMENTAL DECLARATION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

We, Eric McKee Fisk residing at 1635 N. 51st Street, Seattle, Washington 98103, and Dean Alan Slawson residing at 3343 W. Ames Lake Drive, N.E., Redmond, Washington 98053, the undersigned inventors named in the above-referenced application for Letters Patent, hereby declare that the subject matter of the above-identified application including the amendments in the claims set out hereinafter, was part of our invention and was invented before we filed the above-identified application for such invention; that we believe we are the first and sole inventors of said subject matter; that we do not know and do not believe that the same was ever known or used in the United States before our invention or discovery thereof, or patented or described in any printed publication in any country before our invention or discovery thereof, or more than one year before this application, or in public use or on sale in the United States for

I hereby certify that this correspondence is being deposited with the United States Postal Service via U.S. mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on April 17, 2001



Brenda O. Holmes - Reg. No. 40,339

more than one year before the date of this application, that said invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any foreign country on an application filed by us or our legal representatives or assigns more than twelve months prior to the date of this application in the United States, and has not been abandoned, and we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application.

The claims as amended by the preliminary amendment in this application are as follows:

1. A method for creating an embedded search link document, comprising:
 - accessing a genesis document;
 - performing a test search of a document source to identify test search results that satisfy a plurality of search parameters;
 - in response to performing the test search, retrieving the test search results from the document source;
 - presenting the test search results to a user for a determination as to whether the test search results are desirable; and
 - in response to the determination that the test search results are desirable, embedding a search link corresponding to the search parameters into the genesis document to create the embedded search link document, the search link operative, when activated, to initiate a search of the document source for search results that match the search parameters and to retrieve the search results.
2. The method of claim 1, wherein a test search query based on the search parameters is formed for performing the test search of the document source, further comprising:

compressing and storing the test search query as a portion of the genesis document so that activating the search link causes the test search query to be accessed and used for performing the search of the document source.

3. The method of claim 1, wherein the embedded search link document [is] comprises an interactive lesson plan.

4. The method of claim 1, wherein the genesis document comprises a curriculum standards document.

5. The method of claim 1, wherein the document source comprises a computer network.

6. The method of claim 1, wherein the document source comprises a site catalog.

7. The method of claim 1, further comprising:
receiving filtered test search results;
designating at least one of the filtered test search results as a preferred link; and
compressing and storing as a portion of the genesis document a document identifier corresponding to the preferred link.

8. The method of claim 1, wherein the embedded search link document is stored on an Internet-accessible computer.

9. The method of claim 8, wherein accessing the genesis document comprises retrieving the genesis document from a remote location.

11. The method of claim 7, wherein the filtered test search results are stored as a site catalog, and

wherein the search link is operative, when activated, to initiate a search of the site catalog for the search results matching the search parameters.

12. The method of claim 1, further comprising:
creating a search catalog from the test search results;
filtering the search catalog to form a site catalog comprising those test search results that are most relevant to a particular context of the search parameters;
after creation of the embedded search link document, receiving a command for activating the search link; and
in response to the command, retrieving the search results from the site catalog.

13. The method of claim 1, wherein the genesis document is HTML-formatted.

14. The method of claim 7, wherein the preferred link is placed first within the search results.

16. The method of claim 1, wherein the search parameters relate to a subject, a topic, a minimum grade level, and a maximum grade level.

18. The method of claim 16, wherein the subject comprises a Gateway to Educational Materials Committee (“GEM”) approved level one entry, the topic comprises a GEM-approved level two entry, the minimum grade level comprises a first number ranging from 1 to 12 and the maximum grade level comprises a second number ranging from 1 to 12.

21. The method of claim 7, wherein a Boolean filter is used to determine the filtered test search results.

22. The method of claim 21, wherein the Boolean filter classifies each of the search results based on the presence of positive words and negative words, positive words indicating that the search result corresponds to a particular context of the search parameter and negative words indicating that the search result does not correspond to the particular context of the search parameter.

27. A computer readable medium having stored thereon computer executable instructions for performing the method of claim 1.

28. A computer readable medium having stored thereon computer executable instructions for performing the method of claim 12.

29. A system for creating an embedded search link document, comprising:
a memory for storing a genesis document;
an input device for inputting a series of search parameters;
a communications device for communicating with a remote server, the remote server being in communication with a document source;
a processor in communication with the memory, the input device and the communications device for transmitting a request to the remote server for a test search of the document source based on the search parameters;
wherein the processor is further operable for:
displaying test search results received from the remote server in response to the test search on a display device for a user determination as to whether the test search results are desirable, and

in response to the determination that the test search results are desirable, embedding a search link corresponding to the search parameters into the genesis document to create the embedded search link document, the search link operative, when activated, to initiate a search of the document source for search results matching the search parameters and to retrieve the search results.

30. The system of claim 29, wherein the request for the test search includes a test search query that is based on the search parameters;

wherein the processor is further operable for compressing and storing as a portion of the genesis document the test search query; and

wherein activation of the search link causes the test search query to be accessed and used for performing the search of the document source.

31. The system of claim 29, wherein the embedded search link document comprises an interactive lesson plan.

32. The system of claim 29, wherein the genesis document comprises a curriculum standards document.

33. The system of claim 29, wherein the document source comprises the internet.

34. The system of claim 29, wherein the document source comprises a site catalog.

35. The system of claim 29, wherein the remote server is operable for filtering the test search results through a filtering function; and wherein the processor is further operable for:

receiving the filtered test search results from the remote server via the communications device;

designating at least one of the filtered test search results as a preferred link; and compressing and storing as a portion of the genesis document a document URL corresponding to the preferred link.

36. The system of claim 35 wherein the remote server is further operable for storing the filtered test search results as a site catalog; and wherein the search link is operative, when activated, to initiate a search of the site catalog for the search results matching the search parameters.

37. The system of claim 35, wherein the preferred link is placed first within the search results.

38. The system of claim 35, wherein the filtering function comprises a Boolean filter.

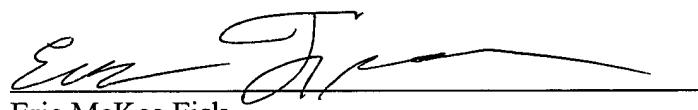
39. The system of claim 38, wherein the Boolean filter is operable for classifying each of the search results based on the presence of positive words and negative words, positive words indicating that the search result may be relevant to a particular context of the search parameter and negative words indicating that the search result may be irrelevant to the particular context of the search parameter.

40. The system of claim 29, wherein the search parameters relate to a subject, a topic, a minimum grade level, and a maximum grade level.

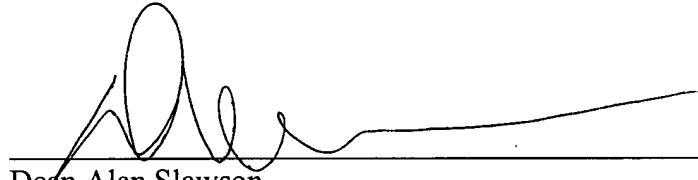
41. The system of claim 40, wherein the subject comprises a Gateway to Educational Materials Committee (“GEM”) approved level one entry, the topic comprises a GEM-approved level two entry, the minimum grade level comprises a first number ranging from 1 to 12 and the maximum grade level comprises a second number ranging from 1 to 12.

The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of any patent issuing on this application.

Date: 3/19/01


Eric McKee Fisk

Date: 3/19/01


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